

Form PTO-1449 (modified)

Atty. Docket No.

Serial No.

INRP:095US

10/043,877

Applicant

Tapas Mukhopadhyay *et al.*List of Patents and Publications for Applicant's  
INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:

January 9, 2002

Group:

1641

AUG 01 2002

RECEIVE  
TECH CENTER 1600/25

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Page 1

**U.S. Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

**Foreign Patent Documents**

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
/BF/	B1	WO 98/32440	7/30/98	PCT			
/BF/	B2	WO 98/51304	11/19/98	PCT			

**Other Art (Including Author, Title, Date Pertinent Pages, Etc.)**

Exam. Init.	Ref. Des.	Citation
/BF/	C1	Bossche <i>et al.</i> , <i>Chemotherapy of Gastrointestinal Helminths.</i> , Arundel <i>et al.</i> , (eds.), Springer-Verlag, 1985, In: <i>Handbook of Experimental Pharmacology</i> , Vol 77, Born <i>et al.</i> , (eds.).
/BF/	C2	Davidse, "Benzimidazole fungicides: mechanism of action and biological impact," <i>Ann. Rev. Phytopathol.</i> , 24:43-65, 1986.
/BF/	C3	Friedman and Platzer, "Interaction of anthelmintic benzimidazoles and benzimidazole derivatives with bovine brain tubulin," <i>Biochim. Biophys. Acta</i> , 544:605-614, 1978.
/BF/	C4	Friedman and Platzer, "Interaction of anthelmintic benzimidazoles with ascaris suum embryonic tubulin," <i>Biochim. Biophys. Acta</i> , 630:271-278, 1980.
/BF/	C5	Gottschall <i>et al.</i> , "The metabolism of benzimidazole anthelmintics," <i>Parasitol. Today</i> , 6:115-124, 1990.
/BF/	C6	Kohler and Bachmann, "Intestinal tubulin as possible target for the chemotherapeutic action of mebendazole in parasitic nematodes," <i>Mol. Biochem. Parasitol.</i> , 4:325-336, 1981.
/BF/	C7	Lacey and Prichard, "Interactions of benzimidazoles (BZ) with tubulin from BZ-sensitive and BZ-resistant isolates of <i>Haemonchus contortus</i> ," <i>Mol Biochem Parasitol</i> , 19:171-181, 1986.
/BF/	C8	Lacey and Watson, "Structure-activity relationships of benzimidazole carbamates as inhibitors of mammalian tubulin, <i>in vitro</i> ," <i>Biochem. Pharmacol.</i> , 34(7):1073-1077, 1985.

25127817.1

EXAMINER:

*Barbara T. Jones*

DATE CONSIDERED:

5/27/2007

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

Form PTO-1449 (modified)

Atty. Docket No.  
INRP:095USSerial No.  
10/043,877

RECEIVED

List of Patents and Publications for Applicant's

Applicant  
Tapas Mukhopadhyay *et al.*

AUG 01 2002

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Filing Date:  
January 9, 2002Group:  
1641

TECH CENTER 1600/2

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Page 1

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
/BF/	C9	Lacey and Watson, "Activity of benzimidazole carbamates against L1210 mouse leukaemia cells: correlation with in vitro tubulin polymerization assay," <i>Biochem. Pharmacol.</i> , 34(19):3603-3605, 1985.
/BF/	C10	Lacey, "The role of the cytoskeletal protein, tubulin, in the mode of action and mechanism of drug resistance to benzimidazoles," <i>Int. J. Parasitol.</i> , 18:885-936, 1988.
/BF/	C11	Landusse <i>et al.</i> , "Methimazole-mediated modulation of netobimin biotransformation in sheep: a pharmacokinetic assessment," <i>J Vet Pharmacol Ther</i> , 15(3):267-274, 1992
/BF/	C12	Landusse <i>et al.</i> , "Comparative sulphoxidation of albendazole by sheep and cattle liver microsomes and the inhibitory effect of methimazole," <i>Xenobiotica</i> , 23(3):285-295, 1993.
/BF/	C13	Lubega, and Prichard, "Specific interaction of benzimidazole anthelmintics with tubulin: high-affinity binding and benzimidazole resistance in <i>Haemonchus contortus</i> ," <i>Mol. Biochem. Parasitol.</i> , 38:221-232, 1990.
/BF/	C14	Nare <i>et al.</i> , "Benzimidazoles, potent anti-mitotic drugs: substrates for the P-glycoprotein transporter in multidrug-resistant cells," <i>Biochem. Pharmacol.</i> , 48(12):2215-2222, 1994.
/BF/	C15	Nare, <i>et al.</i> , "p-azidosalicyl-5-amino-6-phenoxybenzimidazole photolabels the N-terminal 63-103 amino acids of <i>Haemonchus contortus</i> $\beta$ -Tubulin 1," <i>J Biol Chem</i> , 271(15):8575-8581, 1996.
/BF/	C16	Pilch <i>et al.</i> , "Characterizing the DNA binding modes of a topoisomerase 1-poisoning terbenzimidazole: evidence for both intercalative and minor groove binding properties," <i>Drug Des Discov</i> , 13:115-133, 1996.
/BF/	C17	Russell <i>et al.</i> , "Binding of [ <sup>3</sup> H]Benzimidazole carbamates to mammalian brain tubulin and the mechanism of selective toxicity of the benzimidazole anthelmintics," <i>Biochem. Pharmacol.</i> , 43(5):1095-1100, 1992.
/BF/	C18	Stearns <i>et al.</i> , "Liarozole and 13-cis-retinoic acid anti-prostatic tumor activity," <i>Cancer Res</i> , 53:3073-3077, 1993.

25127817.1

EXAMINER:

/Brandon Fetterolf/

DATE CONSIDERED:

05/24/2007

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.